

# Transporter, powered by CCIP

## Introduction to Transporter

Transporter is a highly secure interface for bridging tokens across blockchains with total peace of mind. Transporter is built on top of [Chainlink CCIP](#), the industry-leading cross-chain protocol for defense-in-depth security. Transporter is *the* cross-chain bridging app for transferring digital assets across blockchains and experiencing the best that each chain has to offer. In just a few clicks, you can bridge your tokens and cross chains with confidence knowing that Transporter is underpinned by Chainlink CCIP's Level-5 Security, offers users real-time transaction tracking, and is available to provide 24/7 support.

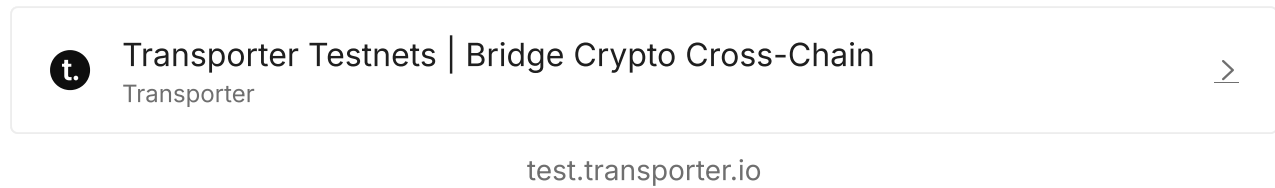
## Warm-up Exercise: Let's bridge some testnet tokens

Video tutorial: <https://www.youtube.com/watch?v=dCDQ-xetzpM>

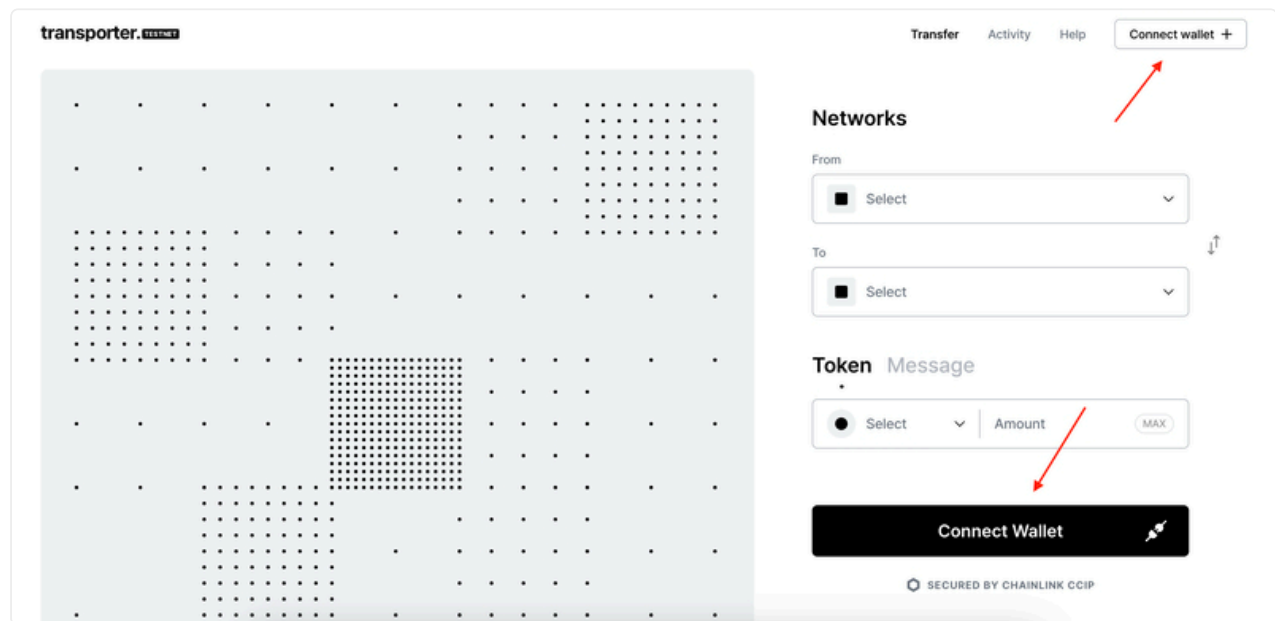
How To Bridge USDC From Ethereum To Base With Transporter | Elif ...



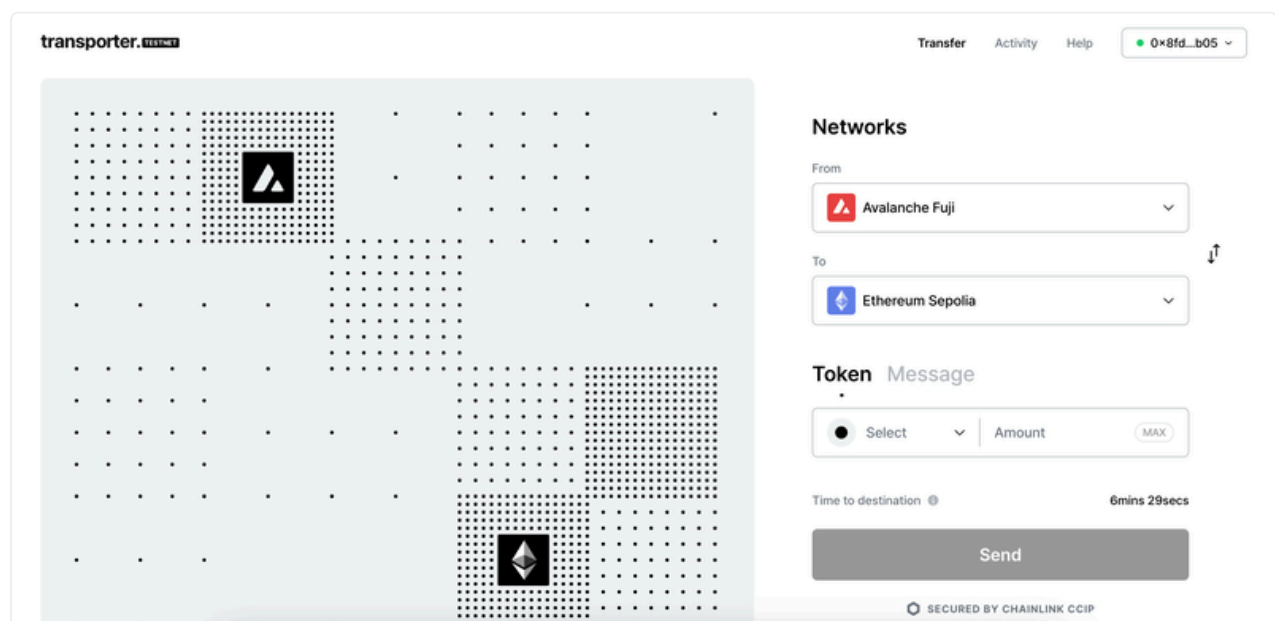
Navigate to <https://test.transporter.io/>



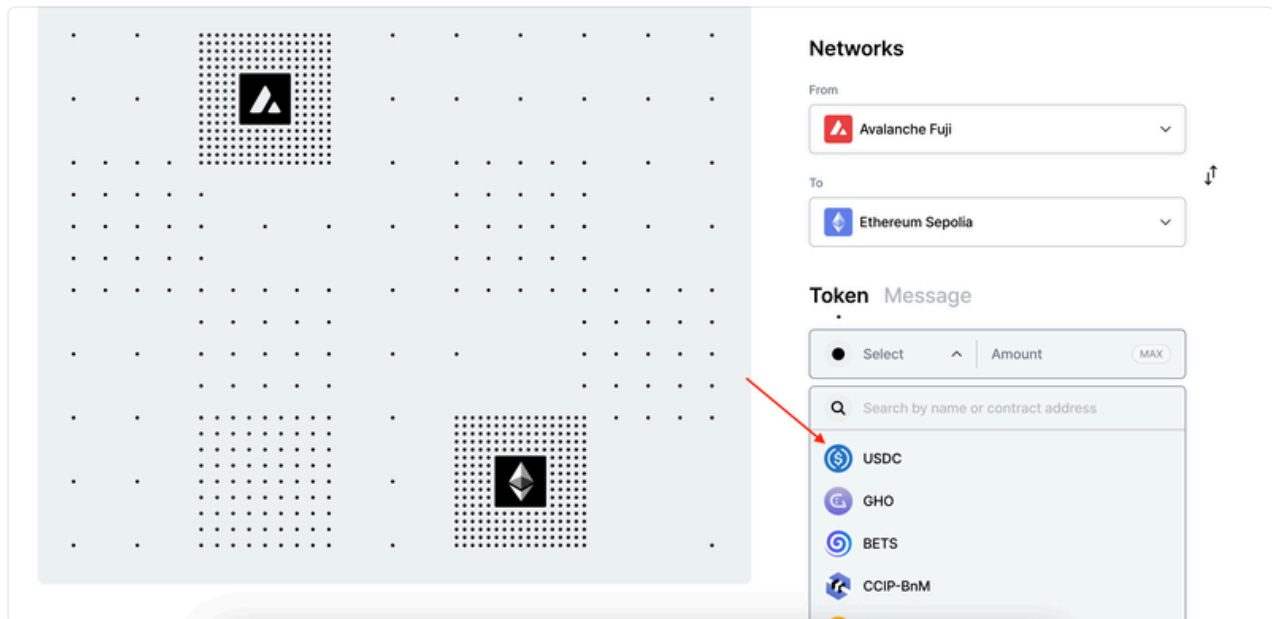
Connect your wallet by clicking the "Connect wallet button"



Select your Source and Destination Network of choice. I am going to send tokens from Avalanche Fuji to Ethereum Sepolia.



Then select Token you want to send (we can also send Messages). I am going to use USDC.



If you need tesnet USDC, you can get 10 units from the <https://faucet.circle.com/>

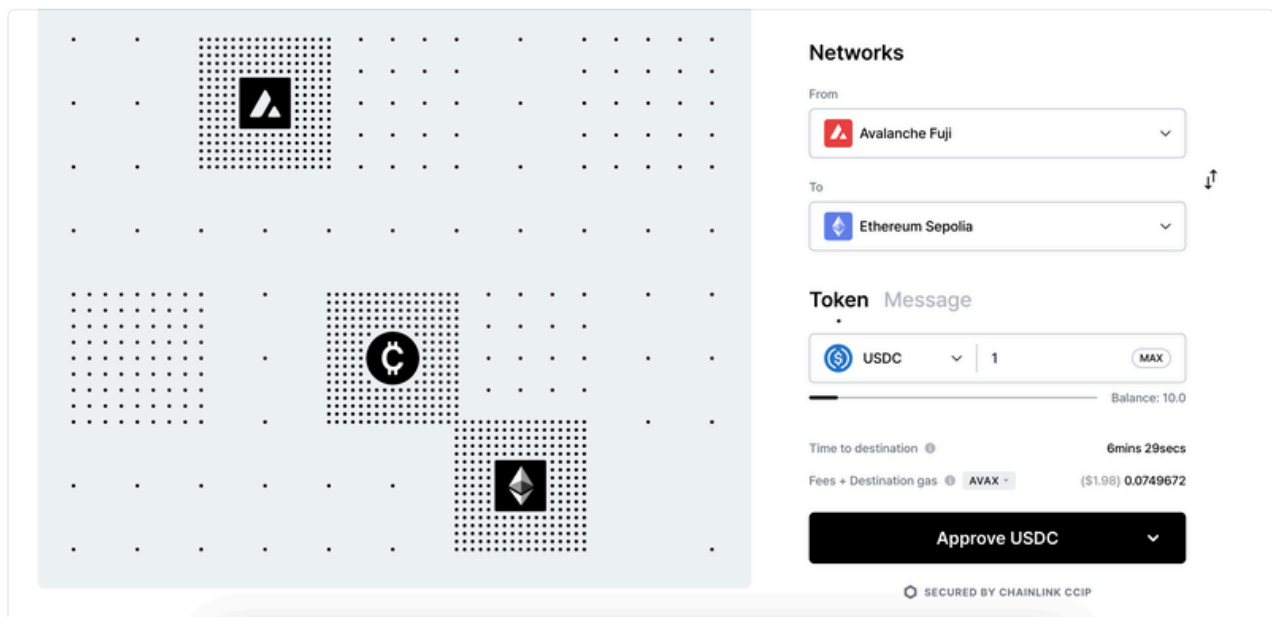


Testnet Faucet

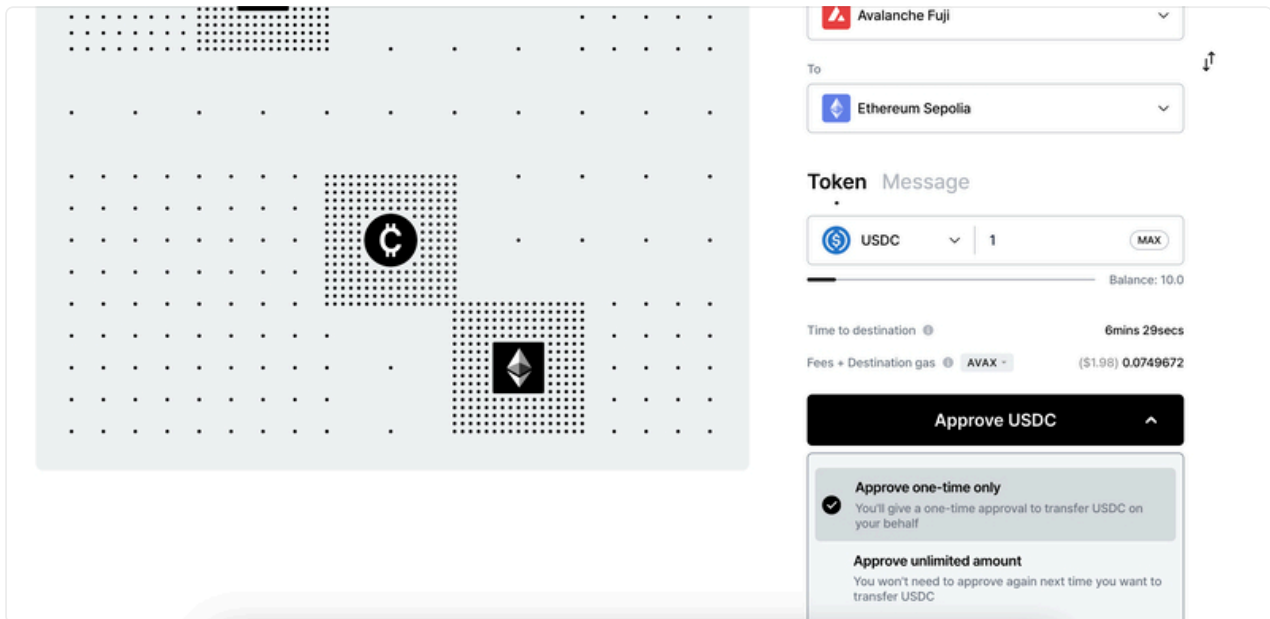


Circle Faucet

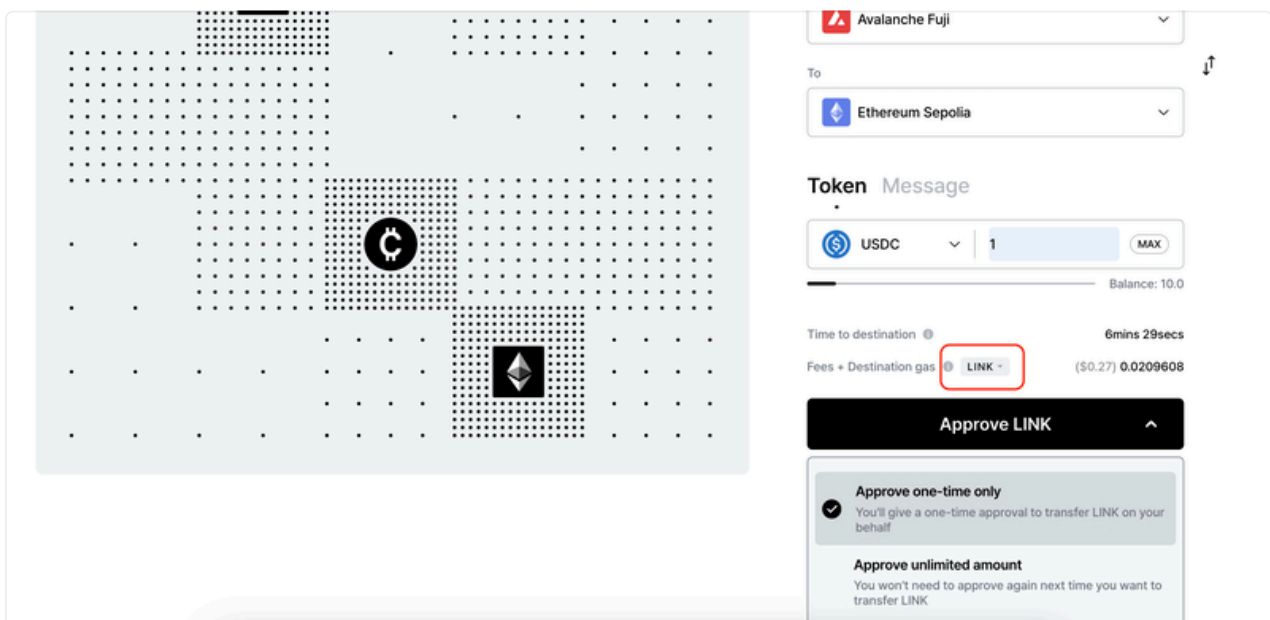
Then select the amount of tokens you want to send. I am going to choose 1 USDC.



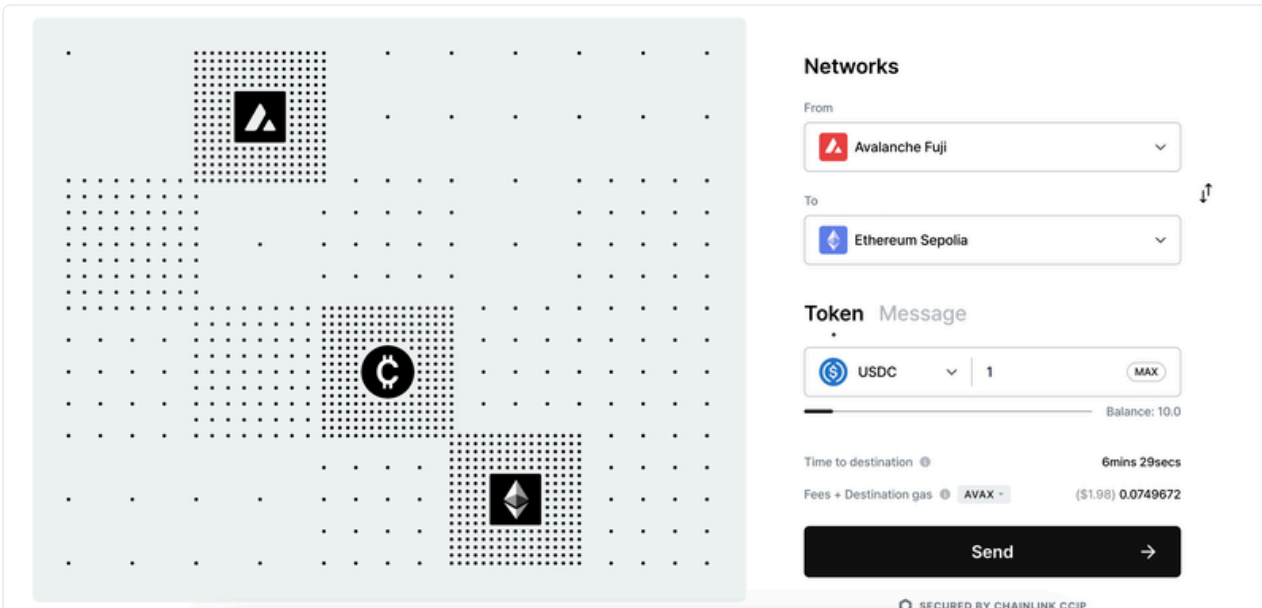
And approve Transporter to transfer that amount of tokens on behalf of you, by clicking the "Approve USDC" button.



The next step is to select token you would like to use to pay for CCIP fees. By default the native coin of the source blockchain is selected (AVAX), but I am going to use LINK because it is cheaper.

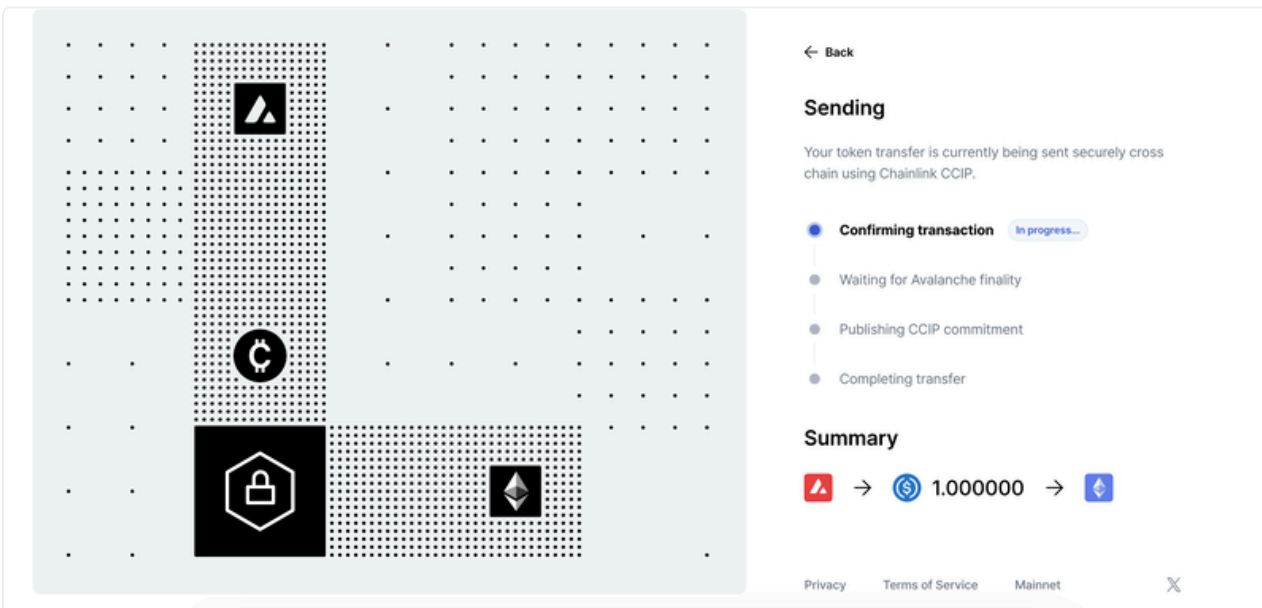


Finally, initiate the transfer by clicking the "Send" button.



The interface shows a grid of icons representing different blockchains: Avalanche (top-left), Bitcoin (center), and Ethereum (bottom-right). The right panel is titled "Networks" and has "From" set to "Avalanche Fuji" and "To" set to "Ethereum Sepolia". Below this, the "Token" section shows "USDC" with a value of "1" and a "MAX" button. The "Message" section is empty. The "Time to destination" is "6mins 29secs". The "Fees + Destination gas" are "AVAX" with a value of "(\$1.98) 0.0749672". A "Send" button is at the bottom. At the very bottom, it says "SECURED BY CHAINLINK CCIP".

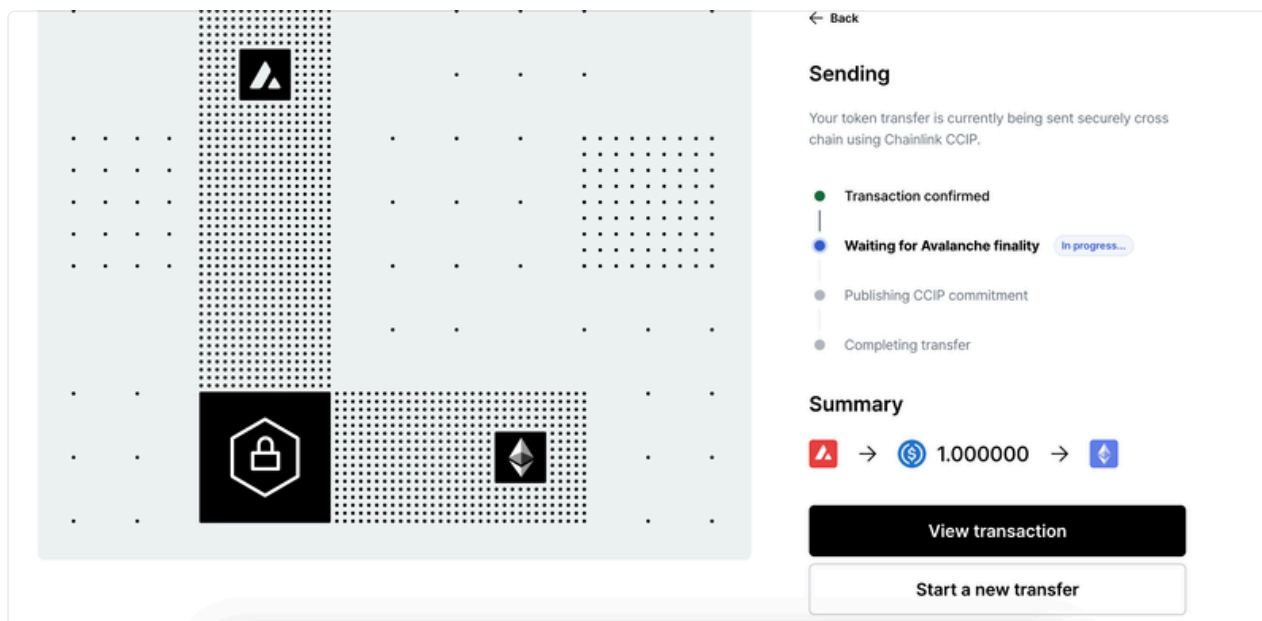
You can now sit back, relax and monitor your first cross-chain transfer in real time!



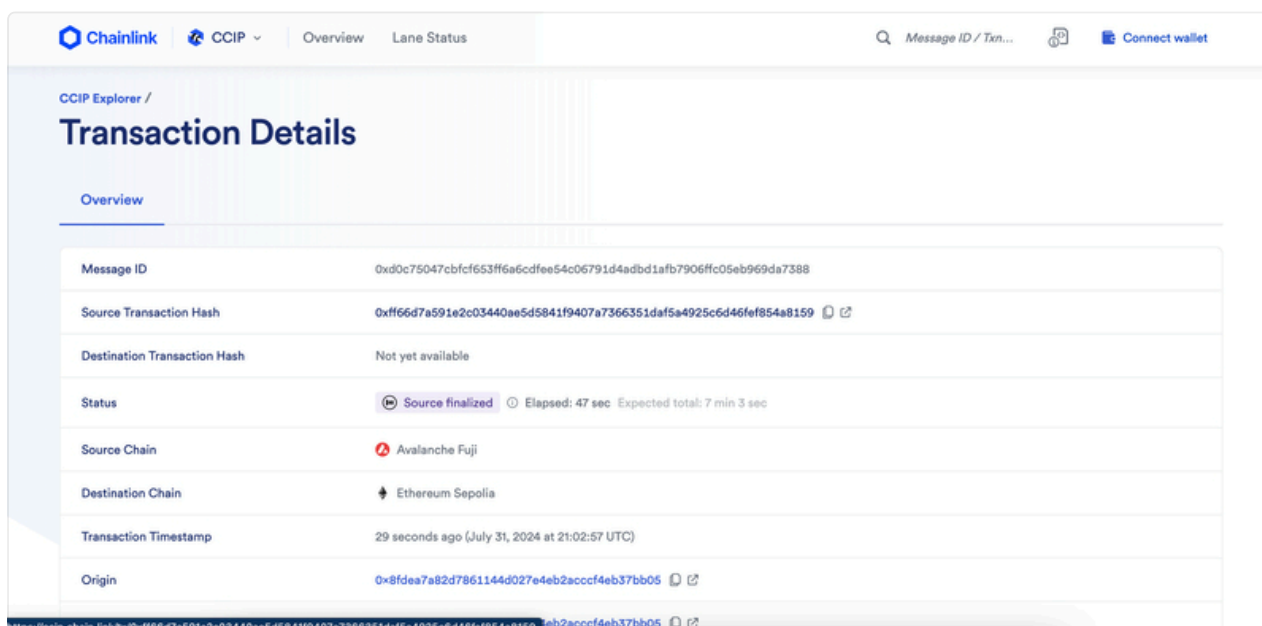
The interface shows the same grid of icons. The right panel is titled "Sending" and has a "Back" button. Below the title, it says "Your token transfer is currently being sent securely cross chain using Chainlink CCIP." A progress bar shows four steps: "Confirming transaction" (in progress), "Waiting for Avalanche finality", "Publishing CCIP commitment", and "Completing transfer". Below this, the "Summary" section shows "Avalanche" icon → "USDC" icon → "1.000000" → "Ethereum" icon. At the bottom, there are links for "Privacy", "Terms of Service", and "Mainnet", and a close button (X).

Once your transaction is completed on the source blockchain (Avalanche Fuji in this example) you can monitor it on Chainlink CCIP Block Explorer as well - at <https://ccip.chain.link>.

Bookmark this URL, because we are going to use it a lot during this bootcamp.

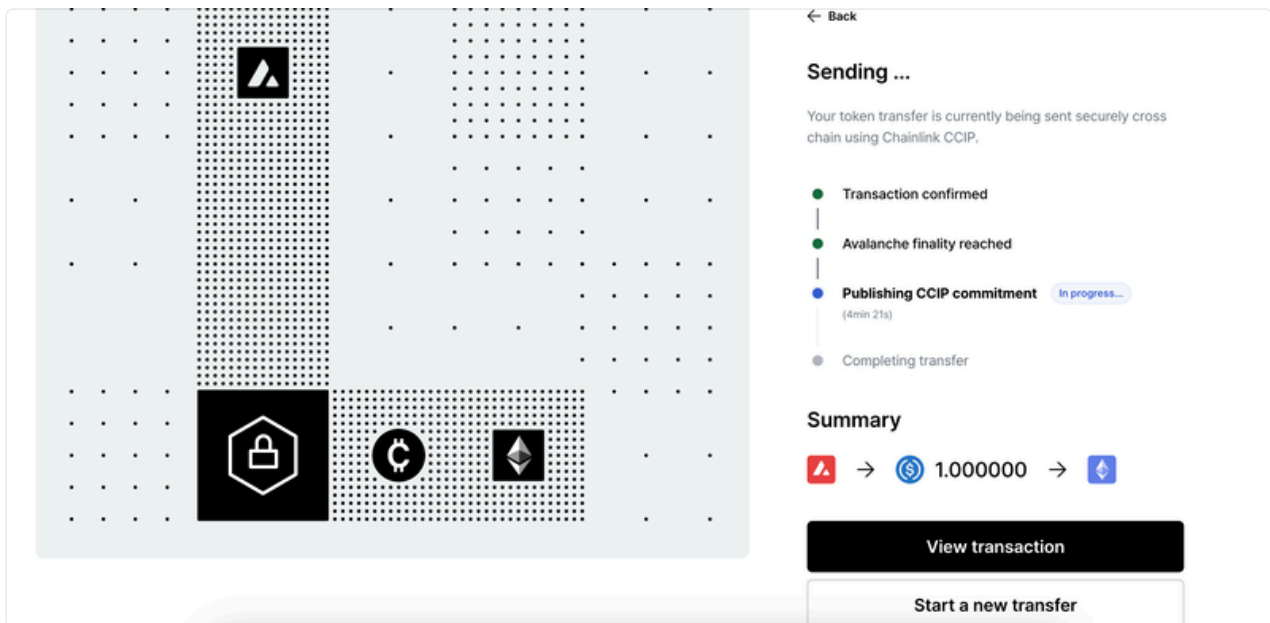


To navigate to the Chainlink CCIP Block Explorer click the "View transaction" button.

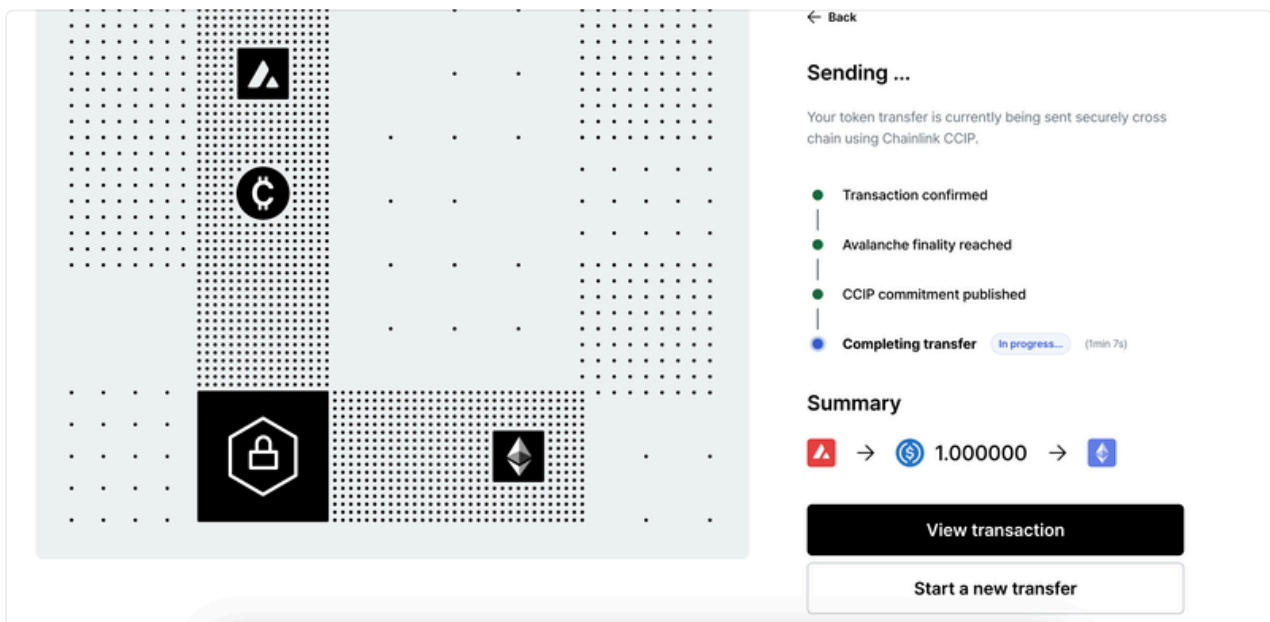


Once the transaction on the source blockchain is finalized, Chainlink DONs can proceed with the cross-chain transfers. Finality is really important security concept in blockchain technology, so make sure you familiarize yourself with it by the end of this bootcamp.

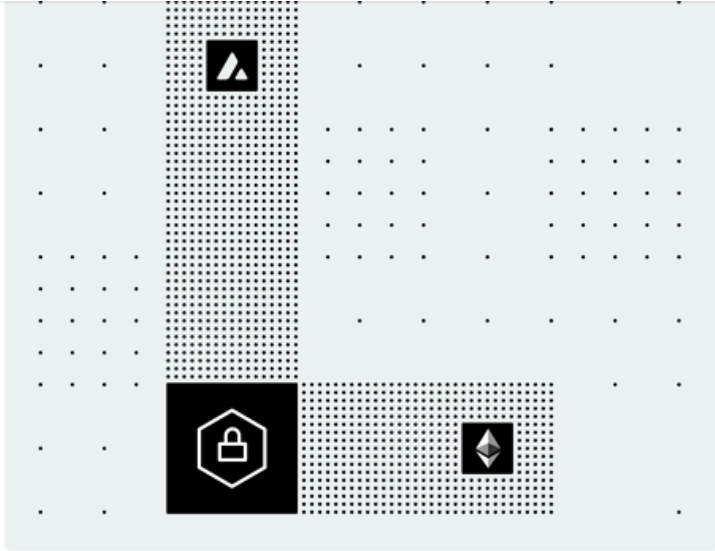




Finally, we just need to wait for a destination transaction to be included in the next Ethereum Sepolia block.



And that's it! Transport is completed, simple as that!



[< Back](#)  
**Transfer complete**  
4 minutes ago (July 31, 2024 at 21:04:24 UTC)

- Transaction confirmed
- Avalanche finality reached
- CCIP commitment published
- Transfer completed

**Summary**  
🔴 → 💰 1.000000 → 🔵  
[View transaction](#)  
[Start a new transfer](#)

You can of course always come back to Chainlink CCIP Block Explorer to see more details about the transfer.

[Chainlink](#) [CCIP](#) [Overview](#) [Lane Status](#) [Message ID / Txn...](#) [Connect wallet](#)

[CCIP Explorer /](#)  
**Transaction Details**  
[Overview](#)

Message ID	0xd0c75047cbfc653ff6a6cdf54c06791d4adbd1afb7906ffc05eb969da7388
Source Transaction Hash	0xff66d7a591e2c03440ae5d5841f9407a7366351daf5a4925c6d46fef854a8159 <a href="#">📄</a> <a href="#">🔗</a>
Destination Transaction Hash	0x471af37651e43e7f5ac0b365f87963f0705e544c109c90a10c86c8345170ca8e <a href="#">📄</a> <a href="#">🔗</a>
Status	🟢 Success <a href="#">🔍</a>
Source Chain	🔴 Avalanche Fuji
Destination Chain	🟩 Ethereum Sepolia
Transaction Timestamp	6 minutes ago (July 31, 2024 at 21:02:57 UTC)
Origin	0x8fdea7a82d7861144d027e4eb2a0ccf4eb37bb05 <a href="#">📄</a> <a href="#">🔗</a>
From	0x8fdea7a82d7861144d027e4eb2a0ccf4eb37bb05 <a href="#">📄</a> <a href="#">🔗</a>